

# SOLVED PAPER

## UBI- P.O

Held on: 09-01-2011

Based on Memory

### TEST I REASONING

- How many such pairs of letter are there in the word FREQUENT, each of which has as many letters between them in the word (in both forward and backward directions) as they have between in the English alphabetical series?  
(1) None (2) One  
(3) Two (4) Three  
(5) More than three
- In which of the following expressions will the expression 'P < F' be definitely false?  
(1) F = B > P M  
(2) P > B M = F  
(3) P B < F M  
(4) B < P M < F  
(5) None of these
- In a class of 35 children, Ameya's rank sixth from the top. Annie is seven ranks below Amerya. What is Annie's rank for the bottom?  
(1) 22 (2) 20  
(3) 19 (4) 23  
(5) Cannot be determined
- Which of the following groups of alphabets should replace the blank space so that the group of alphabets, given in bold, follow a logical pattern from the preceding and the following group of alphabets?  
a b \_ y  
a b c \_ x w  
a b c d e v \_  
(1) z, d, u (2) d, x, u  
(3) c, d, u (4) z, y, w  
(5) c, d, w
- Four of the following five are alike in a certain way and so form a group. Which is one that does not belong to that group?  
(1) Lens (2) Shutter  
(3) Film (4) Camera  
(5) Zoom
- What will come in place of the question mark (?) in the following series?  
AB BE DH ? KQ  
(1) HL (2) GL  
(3) GK (4) EI  
(5) IM
- If two is subtracted from each odd digit and if two is added to each even digit in the number 9275436, what will be the difference between the digits which are third from the right and second from the left of the new number thus formed?  
(1) 6 (2) 8  
(3) 2 (4) 1  
(5) 5

8. The position of how many alphabets will remain unchanged if each of the alphabets in the word FORGET is arranged in alphabetical order from left to right?

- (1) None
- (2) One
- (3) Two
- (4) Three
- (5) More than three

Give answer (2)

answer the question, while the data in statement I alone are not sufficient to answer the question.

If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

9-10. Read the following information carefully and answer the questions which follow:

Give answer (3)

If the data either in statement I alone or in statement II alone are sufficient to answer the question.

If 'A × B' means A is the son of B.  
 If 'A + B' means A is the father of B.  
 If 'A > B' means A is the daughter of B.  
 If 'A < B' means A is the wife of B.

Give answer (4)

If the data even in both statement I and II together are not sufficient to answer the question.

9. Which of the following pairs of people represent first cousins with regard to the relations given in the expressions, if it is provided that A is the sister of J: 'L > V < J + P' and 'S × A < D + F < E + K'

Give answer (5)

If the data in both statements I and II together are necessary to answer the question.

- (1) LP
- (2) SP
- (3) SK
- (4) SF
- (5) cannot be determined

10. What will come in the place of the question mark, if it is provided that M is the grandmother of F in the expression: 'F × R < S ? M'

- (1) >
- (2) <
- (3) +
- (4) ×
- (5) cannot be determined

11. How many employees are enrolled with the company?

- I. The employees Engagement survey was administered to all employees in the company.
- II. A total of 346 Employees Engagement Surveys were returned to the HR department.

12. What was the grand total of Team A?

- I. Joseph correctly remembers that Team A scored a grand total of above 85 but below 94 points.
- II. Sureka correctly remembers that Team A scored a grand total of above 80 and below 87 points.

13. How will 'COMEDY' be coded in a certain code language?

11-15. Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read the both statement and —

Give answer (1) If the data in statement I alone are sufficient to

- I. In the code language each vowel in the word's changed to the next letter in the English alphabetical series.
- II. In the code language each consonant in the words is changed to the previous letter in the English alphabetical series.
14. P, Q, R, S and T are seated around a circular table facing the centre, such that there is equal space between each of the adjacent members. Who sits to the immediate right of T?
- I. Q sits second to the right of T and S sits second to the left of T.
- II. R is not an immediate neighbour of either P or Q.
15. Which direction is Kartik facing at the moment?
- I. After walking 4 meter early morning from point A, Kartik is facing the opposite direction of the sun.
- II. Kartik took consecutive left turns after covering a distance of 3 meters to reach point A.
- (1) to be are just terms  
 (2) right to come are terms  
 (3) always also to be just  
 (4) be right also is terms  
 (5) also come to just terms
18. Which of the following represents, 'always be right terms'?
- (1) 8 4 1 3                      (2) 2 4 1 9  
 (3) 4 3 8 9                      (4) 1 2 5 0  
 (5) 9 0 4 2
19. Which of the following is the coder for 'right'?
- (1) 9                                      (2) 7  
 (3) 6                                      (4) Either 9 or 5  
 (5) 5
20. What does '6' represent in this code?
- (1) terms                              (2) also  
 (3) are                                      (4) is  
 (5) just

21-25. In each question below a statement is given followed by two courses of action numbered I and II. A course of action is a practicable and feasible sleep or administrative decision to be taken for follow-up, improvement, or further action in regard to the problem, policy, etc. On the basis of the information given in the statement, you have to assume everything in the statement to be true, and decide which of the suggested courses of action logically follow(s) for pursuing.

16-20. Study the following information to answer the given questions:

In a certain 'always to be right' is written as '4 9 3 2' 'right is also just' is written as '9 7 6 5', 'come to terms' is written as '1-3 8', 'terms are just' is written as '0 1 6' and 'always is' is written as '7 4'.

16. Which of the following code for 'come'?
- (1) 0                      (2) 8                      (3) 1  
 (4) 3                      (5) Either 1 or 8
17. Which of the following can be coded as '8 6 3 1 5'?

- Give answer (1)                      if only I follows.  
 Give answer (2)                      if only II follows.  
 Give answer (3)                      if either I or II follows.  
 Give answer (4)                      if neither I nor II follows.  
 Give answer (5)                      if both I and II follow.
21. Statement                      :                      The sales of ball-point pens manufactured by company Lixus have gone down

- considerably ever since the same company introduced a gel-ink pen in the market.
22. Statement : Courses of action : I. Ball points should not be manufactured by Lixus any more.  
II. Lixus should immediately withdraw all gel-ink pens from the market so as to force people to buy ball-points pens.
23. Statement : Courses of action : I. Nearly 26 percent of all engineering graduates have been left unemployed owing to recession worldwide.  
II. All the unemployed students should be advised to take up jobs in foreign countries.  
II. The unemployed students should be advised to take up jobs only after the recession is over.
24. Statement : Courses of action : I. The government should identify such schools and take stringent actions against them.  
II. The government should not limit school fees and keep it flexible for
- airline has been making huge losses even as private airlines continue to prosper and make substantial profit.  
I. All the private airlines should be banned from their operation in the country.  
II. The government airline should be instructed to increase passenger fare significantly in order to increase its profit.
- Many private schools have been violating government directives and have been charging more fees than the specified limits.  
I. The government should identify such schools and take stringent actions against them.  
II. The government should not limit school fees and keep it flexible for

- the schools to decide.
25. Statement : A large number of patients admitted in a particular hospital have been diagnosed with a serious contagious disease.
- Courses of actions : I. These patient should be immediately evicted from the hospital for fear of spread of the disease.  
II. The hospital should make appropriate quarantine arrangements to control the spread of disease.
26. Statement : The number of people living below poverty line in urban areas has increased since last year.  
I. People living in rural areas are not below the poverty line.  
II. A similar survey was conducted last year.
27. Statement : Travelling by trains rather than cabs is more convenient and economical in Paris.  
I. Paris is an expensive city.  
II. Train services are reasonably good in Paris.
28. Statement : A government advertisement in public interest. For child's better mental health admit him/her to a school only after five years age.  
I. A child cannot learn before he/she turns five.  
II. Some schools
- Give answer (4) if neither I nor II is implicit.  
Give answer (5) if both I and II are implicit.
- 
- 26-30. In each question below is given a statement followed by two assumptions/inferences numbered I and II. An assumption is something supposed or taken for granted and an inference is something which can be directly inferred from the given facts. You have to consider the statement and the following assumptions inferences and decide which of those is/are implicit in the statements.
- 
- Give answer (1) if only I is implicit.  
Give answer (2) if only II is implicit.  
Give answer (3) if either I or II is implicit.

- admit children who are below five years of age.
29. Statement : Although he has done MBA through a correspondence course, he is as smart as a person from college X.
- I. Students from college X are known for their smartness.
- II. Students should do MBA through correspondence in order to become smart.
30. Statement : Conveyance facility provided by organisation helps employees report to work on time.
- I. The conveyance facility which is provided by the organization always reaches on time.
- II. It is not possible to report to work on time unless conveyance facility is provided by the organisation.
- statement (1) and (2). These statements may be either independent causes or may be effects of independent causes or a common cause. One of these statements may be the effect of the other statement. Read both the statements and decide which of the following answer choice correctly depicts the relationship between these two statements.
- 
- Mark answer (1) if statement (1) is the cause and statement (2) is its effect.
- Mark answer (2) if statement (2) is the cause and statement (1) is its effect.
- Mark answer (3) if both the statement (1) and (2) are independent causes.
- Mark answer (4) if both the statements (1) and (2) are effects of independent causes.
- Mark answer (5) if both the statements (1) and (2) are effects of some common causes.
31. (1) The government has increased number of buses plying between Mumbai and Surat.  
(2) The government has allowed private bus owners to operate between Mumbai and Surat.
32. (1) The association of management colleges conducted a combined admission exam for all the institutes this year.  
(2) As the dates for entrance exam for many management colleges clashed last year, many candidates complained that they could not appear for a number of entrance exams.
33. (1) The department store owner put
- 
- 31-33. Below it each question are given two

- cameras for surveillance of the store.  
 (2) Many products were reported missing by the staff working in the department store.

34-25. In each question below is given a statement followed by two "Expectations" numbered I and II. And Expectation is something which can either be an objective or prospect or desired outcome or hope behind the action/statement. You have to consider the statement and the following Expectations and decide which of the Expectations is implicit in the statement.

- Give answer (1) if only Expectation I is implicit.  
 Give answer (2) if only Expectation II is implicit.  
 Give answer (3) if neither Expectation I or Expectation II is implicit.  
 Give answer (4) if neither Expectation I nor Expectation II is implicit.  
 Give answer (5) if both Expectations I and II are implicit.

34. Statement : A promotional campaign – For healthy children encourage them to play in the playgrounds rather than video games at home.

- Expectations : I. Health of atleast some children would improve following this campaign.  
 II. Most of the parents would not buy video games for their

- children after this promotional campaign.  
 35. Statement : We should export the surplus of wheat in order to utilize its over-production this year'.  
 Expectations : I. Knowing that the exported wheat is a part of the surplus of the total production, many countries would not pay desired amount for it.  
 II. Some countries are willing to import wheat.

36-40. Study the following information carefully and answer the given questions.

Seven conferences of Marketing, Finance, HR, Real Estate, Hospitality, Management, and Banking were scheduled to be held in Mumbai, Pune, Delhi, Hyderabad, Indore, Bhopal and Chennai, on one day in a week starting from Monday and ending on Sunday.

Conference on Hospitality was held in Hyderabad on Friday. Only one conference was held between conference on hospitality and Finance. Conference on Management was held immediately after HR but immediately before Banking. Conference on Management was not held in Indore. The conference held on Monday was held in Delhi. Only one conference was held between conference

on Banking and the conference held in Mumbai. The conference on HR was not held in Mumbai. Conference in Pune was held immediately before conference in Indore. Conference of Real Estate was not held on Monday. Conference in Chennai was not held after conference in Mumbai.

36. In Delhi is related in Pune and Banking is related to Real Estate in a certain way, then to which of the following would Indore be related to, following the same pattern?  
 (1) Bhopal (2) Chennai  
 (3) Mumbai (4) Delhi  
 (5) None of these
37. In which of the following cities was conference on Banking held?  
 (1) Chennai (2) Mumbai  
 (3) Delhi (4) Bhopal  
 (5) Indore
38. How many conferences were held between conferences on Marketing and Real Estate?  
 (1) None (2) One  
 (3) Two (4) Three  
 (5) Four
39. On which of the following days was the conference on HR held?  
 (1) Monday (2) Tuesday  
 (3) Wednesday (4) Thursday  
 (5) Friday
40. Which of the following conferences was held on Monday?  
 (1) Banking  
 (2) Management  
 (3) HR (4) Marketing  
 (5) Cannot be determined

41-45. Study the following information to answer the given questions:

Six people- C, D, E, F, G and H are standing in a

straight line facing north nor necessarily in the same order. D is standing second to the right of F. C is standing fourth to the left of h is not standing on the extreme end of the line. E is standing second to the right of D.

41. What is the position of G with respect to E?  
 (1) Immediate left  
 (2) Second to the left  
 (3) Third to the left  
 (4) Third to the right  
 (5) None of these
42. Which of the following pairs represents the people standing at the extreme ends of the line?  
 (1) FH (2) CE  
 (3) DE (4) CH  
 (5) None of these
43. Who is standing second to the right of C?  
 (1) F (2) D  
 (3) G (4) E  
 (5) None of these
44. Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which of the following does not belong to the group?  
 (1) CG (2) GE  
 (3) GH (4) DE  
 (5) FD
45. If all the people are asked to stand in an alphabetical order from left to right, the possible of how many will remain unchanged?  
 (1) One (2) Two  
 (3) Three  
 (4) None  
 (5) None of these

46-50. Study the following information and



answer the question given:

When a word and number arrangement machine is given an input line of words and numbers, it arranges them following a particular rule. The following is an illustration of input and rearrangement:

Input : 25 93 as hill stamp bolt 45 34 63  
total 13 alter rise

Step I : alter 25 93 as hill stamp bold 45  
34 63 total rise 13

Step II : alter as 93 hill stamp bolt 45 34  
63 total rise 25 13

Step III : alter as bolt 93 hill stamp 45 63  
total rise 34 25 13

Step IV : alter as bold hill 93 stamp 63  
total rise 45 34 25 13

Step V : alter as bold hiss rise 93 stamp  
total 63 45 34 25 13

Step VI : alter as bold hill rise stamp total  
93 63 45 34 25 13

Step VI is the last step of the above arrangement as the intended arrangement is obtained. As per the rules followed in the above steps, find out in each of the following questions the appropriate steps of the given input.

Input : ropes 12 33 strong 35 19 in blue  
ample kite 47 77 57

46. What is the position of '47' in step III?

- (1) Fifth from the left end
- (2) Seventh from the left end
- (3) Sixth from the left end
- (4) Sixth from the right end
- (5) Seventh from the right end

47. Which of the following is fifth from the left of step V in the above arrangement?

- (1) kite
- (2) ropes

(3) strong (4) 35

(5) None of these

48. What is the position of 'in' in step IV?

- (1) Fourth from the left end
- (2) Third from the right end
- (3) Second from the left end
- (4) Third from the left end
- (5) Fifth from the left end

49. Which of the following is the last step (final output) of the given input?

- (1) ample blue in kite strong ropes 77  
57 47 35 33 19 12
- (2) ample blue in kite ropes strong 12  
19 33 35 47 57 77
- (3) strong ropes kite in blue ample 77  
57 47 35 33 19 12
- (4) ample blue in kite ropes strong 57  
77 47 35 33 19 12
- (5) None of these

50. How many steps are needed to complete this arrangement?

- (1) V (2) III
- (3) IV (4) VI
- (5) None of these

51-55. Study the following information and answer the questions given:

Seven people- A, B, C, D, E, F and G are sitting in a circle. Five of them are facing centre while two of them are facing opposite to the centre. C sits third to the left of D and both are facing the centre. E is neither an immediate neighbour of D nor of C. The one sitting exactly between D and F is facing opposite to the center. G sits third to the right of A and G is facing the centre. One of B's neighbour is facing opposite to the centre.

51. Which of the following pairs represents persons, facing opposite to the centre?

- (1) A and F (2) E and F

- (3) A and E  
 (4) Cannot be determined  
 (5) None of these
52. Who is sitting second to the left of A?  
 (1) C           (2) G           (3) E  
 (4) B           (5) None of these
53. Who is sitting to the immediate left of E?  
 (1) C           (2) G           (3) B  
 (4) A           (5) None of these
54. What is the position of F with respect to B?  
 (1) Fourth to the left  
 (2) Second to the right  
 (3) Third to the right  
 (4) Second to the left  
 (5) None of these
55. If all the persons are asked to sit in a clock wise direction in an alphabetical order starting from A, the positions of how many will remain unchanged, excluding A?  
 (1) Three           (2) One  
 (3) Two           (4) None  
 (5) Four

55-60. Study the following information and answer the questions given:

Seven representatives of a company – Samir, Nita, Richa, Shweta, Gifty, Paul and Mohit – travelled to three different countries i.e. South Africa, Australia and France. Each of them travelled on different days on the week (no two persons travelled on the same day), starting on Monday and ending on Sunday. Minimum two people travelled to each country and South Africa is the only country to which there people travelled.

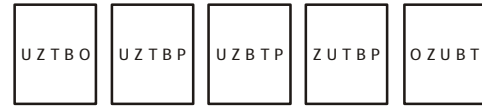
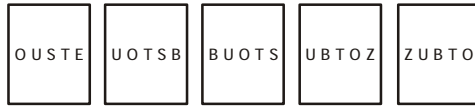
Samir travelled to South Africa on Monday. Paul travelled to Australia but neither on Tuesday nor on Saturday. Mohit travelled on Sunday but not

to France. The one who travelled to Australia travelled on Tuesday and the one who travelled to France travelled on Saturday. Gifty travelled on Wednesday. Richa travelled to South Africa but not on Thursday. Nita did not travel to France.

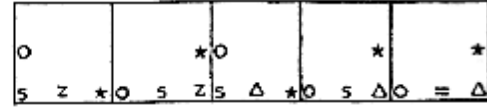
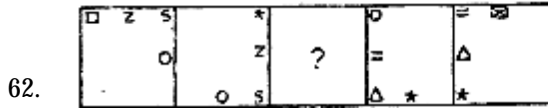
56. If everyone's trip is postponed by one day, who will be travelling on Wednesday?  
 (1) Paul           (2) Richa  
 (3) Nita           (4) Gifty  
 (5) None of these
57. Who amongst the seven representatives travelled on Saturday?  
 (1) Shweta           (2) Nita  
 (3) Richa  
 (4) Cannot be determined  
 (5) None of these
58. Which one of the following combinations is true according to the given information?  
 (1) Paul – Thursday – South Africa  
 (2) Shweta – Wednesday – France  
 (3) Mohit – Monday – South Africa  
 (4) Richa – Friday – Australia  
 (5) None is true
59. To which country and on which day did Nita travel?  
 (1) Wednesday, South Africa  
 (2) Friday, Australia  
 (3) Thursday, Australia  
 (4) Tuesday, Australia  
 (5) None of these
60. Who was the last one to travel?  
 (1) Samir           (2) Richa  
 (3) Mohit           (4) Shweta  
 (5) None of these

61-75. In each of the question given below one of the five answer figures on the right should come after or in the place of question mark given in the problem figures on the left. If the sequence were continued?

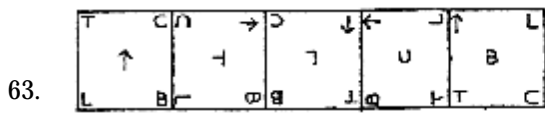
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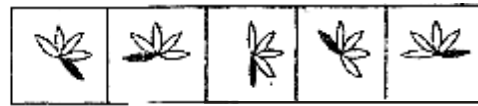
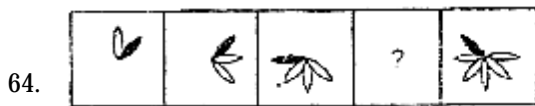
(A) (B) (C) (D) (E)



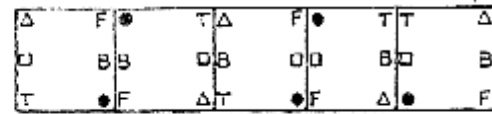
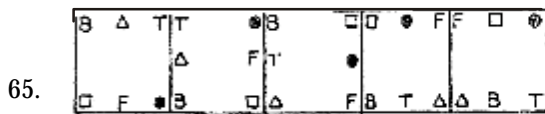
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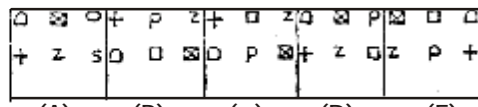
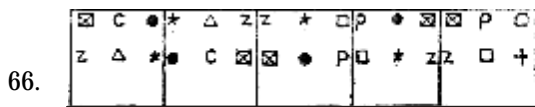
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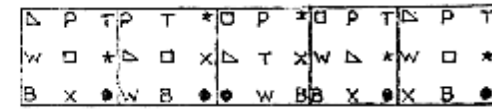
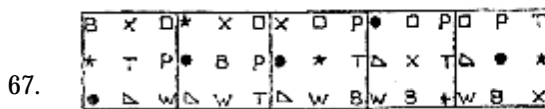
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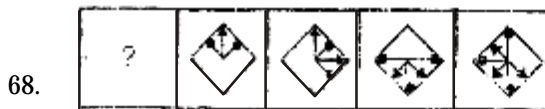
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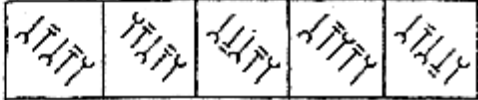

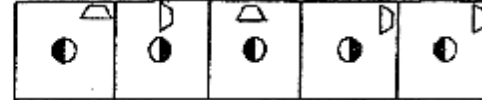

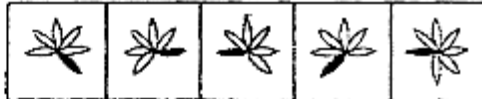
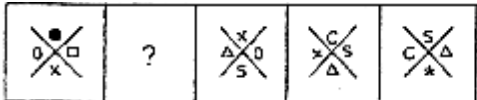
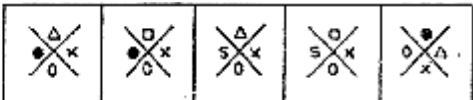

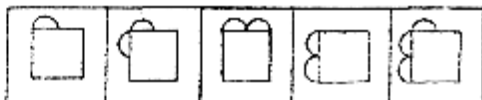
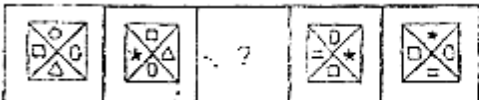
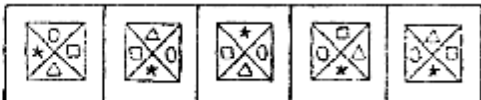

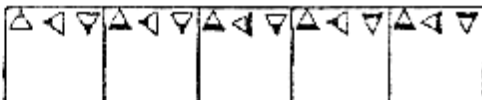
(A) (B) (C) (D) (E)



(A) (B) (C) (D) (E)



(A) (B) (C) (D) (E)

69.    
 (A) (B) (C) (D) (E)
70.    
 (A) (B) (C) (D) (E)
71.    
 (A) (B) (C) (D) (E)
72.    
 (A) (B) (C) (D) (E)
73.    
 (A) (B) (C) (D) (E)
74.    
 (A) (B) (C) (D) (E)
75.    
 (A) (B) (C) (D) (E)

## ANSWERS

1.(3)	2.(2)	3.(4)	4.(3)	5.(4)	6.(2)	7.(3)	8.(2)	9.(2)	10.(4)
11.(4)	12.(5)	13.(5)	14.(5)	15.(4)	16.(2)	17.(5)	18.(2)	19.(1)	20.(5)
21.(1)	22.(4)	23.(4)	24.(3)	25.(2)	26.(4)	27.(2)	28.(2)	29.(4)	30.(4)
31.(5)	32.(2)	33.(2)	34.(1)	35.(4)	36.(3)	37.(5)	38.(5)	39.(2)	40.(4)
41.(3)	42.(2)	43.(3)	44.(2)	45.(1)	46.(4)	47.(2)	48.(4)	49.(5)	50.(1)
51.(3)	52.(4)	53.(2)	54.(5)	55.(3)	56.(4)	57.(1)	58.(5)	59.(4)	60.(3)
61.(2)	62.(4)	63.(5)	64.(2)	65.(4)	66.(3)	67.(1)	68.(5)	69.(4)	70.(1)
71.(4)	72.(1)	73.(2)	74.(5)	75.(3)					